

Trade Scales Limited

A & D Weighing Solutions

AD-FCi Counting Scales

Features

- 500 ID Memories with 6 Digit ID stores unit weight, tare weight, comparator limits, accumulator and 12 digit alphanumeric ID code/name.
- Four simple modes for determining Average Piece Weight; Sample Count (5, 10, 25, 50, 100, random), 10-key Input, ID Recall or Computer Input.
- LED Prompting Navigation System for intuitive operator use virtually eliminates operator training time.
- Large bright VFD Display simultaneously displays count, weight, comparator result, unit weight, ID #, and item code (up to 12 alphanumeric characters).
- Automatic Counting Accuracy Improvement (ACAI) ensures quick, high count accuracy with minimal hand sample count.
- Standard bi-directional RS-232C Interface with optional 2nd & 3rd Interfaces provide interface to document or bar code printers, bar code readers and computers.
- Universal Flex Com (UFC) Setup Software allows user to format printer output data.
- Comparator Function (Hi/OK/Lo) makes kitting and checkweighing easy. Displayed status is standard. Buzzer and relay outputs are optional.
- Rugged Aluminum Die-Cast Frame Housing with Splash proof Display and Keyboard.
- Full Digital Calibration.
- Rechargeable Battery Option for portable operation.
- Remote Scale Option using A&D SB Platforms or most other manufacturers' load cell platforms.



A&D Weighing has long been a world leading manufacturer of counting scales. With the incorporation of A&D's unique Super Hybrid Sensor (SHS) technology, the FC-Si models are capable of an internal resolution of FIVE million parts.

All FC-i and FC-Si models utilize ACAI, A&D's exclusive Automatic Count Accuracy Improvement. ACAI combines the two most critical performance requirements of a counting scale: count accuracy and operation efficiency. Initial Average Piece Weight can be determined through an operator's choice of fixed, random, keyboard entry, or memory recall.

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Specifications

Model	FC-500Si	FC-5000Si	FC500i	FC-1000i	FC-2000i	FC-5000i	FC-10Ki	FC-20Ki	FC-50Ki
Capacity (lb)	1	10	1	2	5	10	20	50	100
Disp. Resolution (lb)	0.00005	0.0005	0.0001	0.0002	0.0005	0.001	0.002	0.005	0.01
Capacity (metric)	500 g	5 kg	500 g	1 kg	2 kg	5 kg	10 kg	20 kg	50 kg
Disp. Resolution (g)	0.02	0.2	0.05	0.1	0.2	0.5	1	2	5
Min Sample Unit Weight	0.0001 g	0.001 g	0.0005 g	0.001 g	0.002 g	0.005 g	0.01 g	0.02 g	0.05 g
Weight Sensor	Super Hybrid Sensor (SHS)		Strain Gauge Load Cell						
Internal Resolution	5 million		1 million						
Sample Size	5, 10, (default) 25, 50, 100 or random number, user selectable								
Sensitivity Drift	0.001%/°C (5°C – 35°C) typ.		0.002%/°C (5°C – 35°C) typ.						
Operating Temp.	5°C – 40°C (less than 85% RH)		-10°C – 40°C (less than 85% RH)						
Display	7 segment / 5 x 7 dot Vacuum Florescent Display (VFD)								
Power	100, 120, 220, 240 VAC 50/60Hz (AC Adapter) or optional NiMH Battery Pack - Operating time approximately 10 hours (main scale only)								
Pan Size (mm)	128 x 128	165 x 165	200 x 150		300 x 280				
Pan Size (inch)	5.0 x 5.0	6.5 x 6.5	8 x 6		11.8 x 11				
Dimensions DWH (mm)	330 x 462 x 106								
Dimensions DWH (inch)	13.0 x 18.2 x 4.6								
Weight (kg)	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.5
Weight (lb)	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	16.5
Calibration Weight	500g	5kg	500g	1kg	2kg	5kg	10kg	20kg	50kg
Accessories	Instruction Manual, AC Adapter, Breeze Break (FC-500Si only)								

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Accessories:

- AD-1191 Dot Matrix Compact Printer
- AD-8118A Journal Printer
- AD-8118B Universal Printer
- AD-8121B Multi-function Printer
- AD-8951 Comparator Light
- SB Remote Platforms
- UFC Software—Free Download:
www.andweighing.com/downloads.cfm

Options:

- FC-02i NiMH Battery Pack
- FC-03i 2nd & 3rd RS-232C Interfaces
- FC-04i 2nd RS-232C & Comparator Relay Outputs
- FC-05i Remote Scale Interface
- CC: 110 Carry / Storage Case

Note: 1st RS-232C is standard FC-03i and FC-04i cannot co-exist

